

As described above, applicant has enclosed a paper copy of the Substitute Sequence Listing in accordance with the requirements of 37 C.F.R. § 1.825(a). The sequences in the Substitute Sequence Listing are identical to the sequences in the June 25, 2003 Sequence Listing. Applicant has changed the original Sequence Listing by amending the <213> field for SEQ ID Nos: 1-137 so that the identifier is now "Unknown". Applicant has also amended the original Sequence Listing by adding an additional "Feature" field (numeric identifier <220>) and an additional "Other Information" field (numeric identifier <223>) immediately after the "Organism" field (numeric identifier <213>) for SEQ ID Nos: 1-137, identifying each polynucleotide sequence as "ribosomal DNA sequence tag isolated from microbes in soil sample collected in Wyoming, USA." Therefore, the Substitute Sequence Listing properly recites the organism identifier and explains the source of the genetic material in the "Other Information" field in each instance where the Raw Sequence Listing enclosed with the Notice indicated an error.

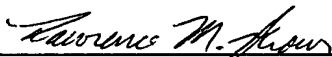
In addition, applicant has amended the original Sequence Listing by adding the current filing information regarding the application number and filing date of the instant application at lines <140> and <141>.

None of these amendments adds new matter.

Applicant also submits a computer readable form copy of the enclosed Substitute Sequence Listing in accordance with the requirements of 37 C.F.R. § 1.825(b) and the required statements under 37 C.F.R. §§ 1.825(a) and 1.825(b).

The Director is hereby authorized to charge any fees that may be due, or credit any overpayment of the same, to Deposit Account No. 06-1075. A duplicate copy of this response is enclosed.

Respectfully submitted,



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